

EXAKT 312

Diamond Band Pathology Saw



EXAKT 312 DIAMOND BAND PATHOLOGY SAW



PRECISE, SAFE, FAST, CLEAN, SIMPLE

Specially developed for the working conditions and requirements of pathology, the EXAKT 312 is used for accurate, safe and fast preparation of fresh tissue and bone, especially bone with implants or screws, for further histological evaluation.

The saw is the result of years of practical experience and development cooperation with hospitals and universities, and fits perfectly in fast routine operations.



OUTSTANDING SURFACE QUALITY

The diamond saw band of the EXAKT pathology saws does not cut, but grinds very precisely. The result is full preservation of the samples, clean surfaces with no artifacts, microfractures or nicks. All cell information is preserved for even widely differing tissue densities. In addition, water cooling on the saw band insures uniform processing temperatures.

SAFE, SAFE AND SAFE



Because the diamond band grinds instead of cuts, there is no immediate risk of injury if the band is touched unintentionally – a first for occupational safety!

Particularly problematic samples with implants are accurately and safely processed.

Material can not get caught in the diamond band and so there is no risk of damage. The cutting guide is easy to control, clean and quiet.



The water cooling reduces dust formation and thus, the risk of infection. All security features are designed in accordance with the latest EU standards and directives.

Even very small specimens can be cut safely and precisely

CLEAN

The stainless steel housing is systematically designed for optimum discharge of water and tissue. All run-off surfaces are sloped.

Key elements of the saw such as doors, the top of the work table or the upper pulley of the saw blade are easy to remove without tools and, for example, can be cleaned under running water.

Rinsing immediately after use removes any tissue residues from the band, subsequent samples are not affected and the overall system is far easier to clean.



Easy to clean

SIMPLE

The EXAKT 312 is very easy to operate. The housing simply opens and closes with magnetic catches and the band can be replaced without tools. Large pulleys contribute to the long service life of the diamond band.



Simple to operate

OPTIONS

To enable precise alignment and guidance of the samples the following are available

- Line laser for cut orientation
- Parallel stop



Basic splash cover and LED light strip

An LED light strip provides optimal illumination of the workspace.

A water jet cleaner can be used to effortlessly remove tissue residues from the work table while working. The final cleaning of the device is also made easier.

An extended spray containment cabinet over the entire workspace provides additional safety.

Lockable casters make the EXAKT 312 mobile and raise the working height.

TECHNICAL DATA

Width/Depth/Height	924 x 625 x 1527 mm
Weight	approx. 150 kg
Working height	approx. 900 mm
Cut height	max. 210 mm
Cut width	max. 350 mm
Safety standard	EN 13849-1, 2006
Band speed	about 200–1200 m/min

Subject to technical changes

» THE SAW REALLY RAISES THE STANDARD WHEN IT COMES TO OCCUPATIONAL SAFETY«

*Dr. Henning Stein, Senior Physician,
Department of Pathology, Dortmund Municipal Hospital,
University of Muenster Teaching Hospital, Germany*



Saw equipped with all options



EXAKT

EXAKT Advanced Technologies GmbH

Robert-Koch-Straße 5
22851 Norderstedt
Germany

Tel. +49(0)40-5 29 56 00
Fax +49(0)40-5 24 99 59

info@exakt.de
www.exakt.de